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OFFICE OF NAVAL RESEARCH TOKYO GROUP APO SAN FRANCISCO--ETC F/G 5/2  
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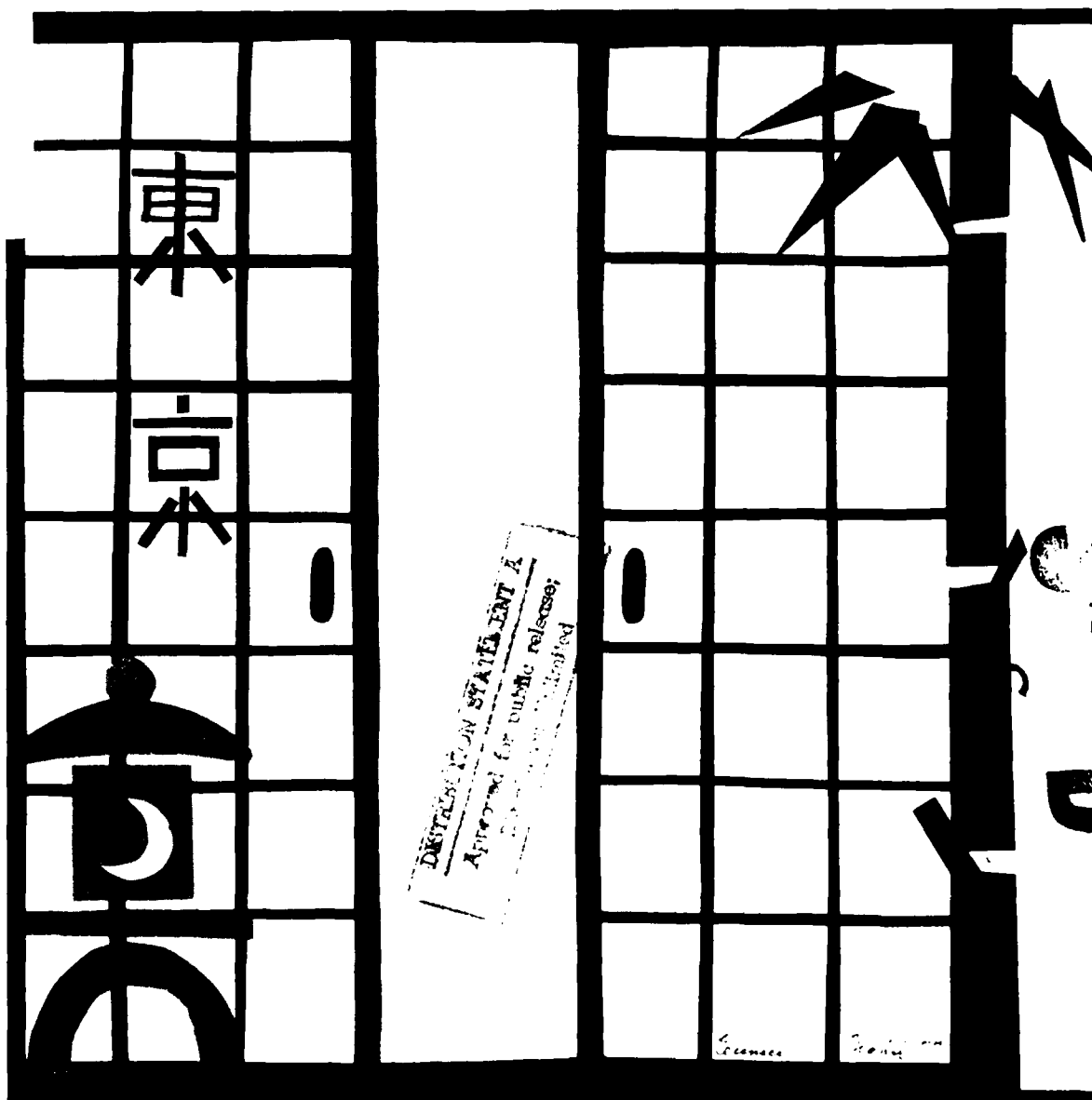
# SCIENTIFIC MONOGRAPH



DEPARTMENT OF THE NAVY OFFICE OF NAVAL RESEARCH TOKYO

JAPANESE RESEARCH INSTITUTES  
FUNDED BY MINISTRIES OTHER THAN EDUCATION  
COMPILED BY SEIKOH SAKIYAMA

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by Earl F. Skelton, Naval Research Laboratory,  
Washington, D. C., July 1978
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Chicago, Illinois, December 1977 (Reprinted in  
1980)
- ONRT M2     Japanese Research Institutes Funded by The  
Ministry of Education, compiled by Seikoh  
Sakiyama, Office of Naval Research, Tokyo,  
January 1980
- ONRT M3     Research on the Multiple-Choice Test Item in  
Japan: Toward the Validation of Mathematical  
Models, by Fumiko Samejima, University of  
Tennessee, April 1980
- ONRT M4     Japanese Research Institutes Funded by Ministries  
Other Than Education, compiled by Seikoh  
Sakiyama, Office of Naval Research, Tokyo,  
January 1981

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G. Brandt, ONR Branch Office, Pasadena, California,  
June 1971
- ONR-32     A Review of Some Psychological Research In Japan,  
by Morton A. Bertin, ONR Branch Office, Chicago,  
Illinois, November 1972
- ONR-34     Computer Science in Japan, by Richard L. Lau, ONR  
Branch Office, Pasadena, California, June 1973
- ONR-36     Chemical Science in Japan, by Arnet S. Powell, ONR  
Branch Office, Boston, Massachusetts, March, 1973

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by the Ministry of Education has recently been published by the Japan Society for Promotion of Science). Copies of that volume are still available from this office. The present volume completes the series and lists research institutes funded by other ministries of the Japanese government.

In this volume, the name, address, and telephone number of 159 institutes are given. Explanatory notes are added where the specialty of the laboratory is more restricted than indicated by its name, where the name might be open to misinterpretation, or where the laboratory covers more than one specialty.

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## PREFACE

A major difficulty faced by visitors to Japan, and those trying to contact Japanese scientists, is the lack of a comprehensive listing of investigators and laboratories. An attempt to satisfy this need was begun earlier with a predecessor volume, "Japanese Research Institutes Funded by the Ministry of Education," by Seikoh Sakiyama, which was published as ONR Tokyo Scientific Monograph M2 (a similar listing of research institutes funded by the Ministry of Education has recently been published by the Japan Society for Promotion of Science). Copies of that volume are still available from this office. The present volume completes the series and lists research institutes funded by other ministries of the Japanese government.

In this volume, the name, address, and telephone number of 159 institutes are given. Explanatory notes are added where the specialty of the laboratory is more restricted than indicated by its name, where the name might be open to misinterpretation, or where the laboratory covers more than one specialty.

Japanese addresses are usually written in Chinese characters in the order: zip code, province, town, borough, etc. The transliteration, and expression in an order understandable to both American writers and Japanese postmen, is a non-uniform practice. The addresses are listed in this monograph, wherever possible, in the following order: go, ban, cho, chome, shi, ken, zip code.

The size of each laboratory, in terms of staff and budget, is given for three fiscal years, 1976 - 1978, where available. (Please note that the Japanese fiscal year runs from 1 April to 31 March.) In order to convert from yen to dollars, the following exchange rates existed on 1 April of each year:

1976	\$1 =	299.70
1977	\$1 =	277.50
1978	\$1 =	221.35
1979	\$1 =	209.30
1980	\$1 =	251.00.

The 1980 budget figures indicate that half of the government support for research is controlled by the Ministry of Education, while the other half is controlled by other ministries. The two volumes in this series, therefore, cover equal amounts of money, and the laboratories described in this volume tend to be larger than those described in the previous volume. The format of the previous volume has been used despite the fact that data are not as easily available for the larger laboratories included in this volume. Even a single manpower or expenditure figure will give the visitor an idea of the size of the laboratory.

We hope that this listing will be useful to those who are trying to identify and contact Japanese scientists.

RUDOLPH J. MARCUS  
Scientific Director  
ONR Tokyo

November, 1980

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I. INSTITUTES CONTROLLED BY  
PRIME MINISTER'S OFFICE

Name : National Research Institute of Police Science (NIPS)  
National Police Agency  
Location : 6, Sanban-cho, Chiyoda-ku, Tokyo 102  
Telephone : 03-261-9986

	1976	1977	1978
Manpower :	-	105	106
Expenditure :	¥ -	¥ 639,140,000	¥ 659,770,000

Note : Organized into the following divisions :

1st forensic science division  
2nd forensic science division  
Crime prevention and juvenile division  
Traffic division

Name : Civil Engineering Research Institute  
Hokkaido Development Agency  
Location : Hiragishi 1-jo 3-chome, Toyohira-ku, Sapporo, Hokkaido 062  
Telephone : 011-841-1111

	1976	1977	1978
Manpower :	-	243	238
Expenditure :	¥ -	¥ 1,707,750,000	¥ 2,012,270,000

Note : Organized into following divisions :

1st division (river hydraulics and hydrology, harbor and coastal hydraulics, applied physics and chemistry)  
2nd division (structures, concrete, and engineering materials, foundation engineering)  
3rd division (traffic engineering, pavement, soil mechanics)  
4th division (soil conservation and amelioration, agricultural engineering, geology, and rock mechanics)



Name : Construction Machinery Plant  
 Hokkaido Development Agency  
 Location : Tsukisamu-Higashi 2-jo, 8-chome, Toyohira-ku, Sapporo,  
 Hokkaido 062  
 Telephone : 011-851-4111

	1976	1977	1978
Manpower :	-	-	347
Expenditure :	¥ -	¥ 2,175,110,000	¥ 2,223,660,000

Name : Technical Research and Development Institute  
 Japan Defense Agency  
 Location : 2-24, Ikejiri 1-chome, Setagaya-ku, Tokyo 154  
 Telephone : 03-411-0151

	1976	1977	1978
Manpower :	-	-	1,231
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- 1st laboratory (materials)
- 2nd laboratory (food, clothes, and medicine)
- 3rd laboratory (aircraft and weapons)
- 4th laboratory (vehicles)
- 5th laboratory (acoustics)
- Sapporo laboratory (environmental materials)
- Shimokita laboratory (weapons)
- Tsuchiura laboratory (weapons)
- Niiijima laboratory (rockets)
- Gifu laboratory (aircraft)

Name : Aeromedical Laboratory, Japan Air Self Defense Force  
 Location : 2-10, Sakae-cho, Tachikawa, Tokyo 190  
 Telephone : 0425-24-4131

	1976	1977	1978
Manpower :	-	-	86
Expenditure :	¥ -	¥ -	¥ -

Name : National Defense College  
 Location : 2-1, Nakameguro 2-chome, Meguro-ku, Tokyo 153  
 Telephone : 03-713-6111

	1976	1977	1978
Manpower :	-	-	about 70
Expenditure :	¥ -	¥ -	¥ -

Name : Air Proving Wing, Japan Air Self Defense Force  
 Location : Naka-cho, Kagamihara, Gifu 504  
 Telephone : 0583-82-1101

	1976	1977	1978
Manpower :	-	-	522
Expenditure :	¥ -	¥ -	¥ -

Note :

- Test and evaluation of armed aircraft
- Basic study of equipment operation
- Cooperative research with the Technical Research and Development institute
- Cooperative quality testing with procurement office
- Training of pilots

Name : Economic Research Institute, Economic Planning Agency  
 Location : 1-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100  
 Telephone : 03-581-1017

	1976	1977	1978
Manpower :	-	-	about 35
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute for Environmental Studies (NIES),  
 Environment Agency  
 Location : P.O. Yatabe, Tsukuba, Ibaraki 300-12  
 Telephone : 0298-51-1681

	1976	1977	1978
Manpower :	-	203	203
Expenditure :	¥ -	¥ 2,650,520,000	¥ 3,172,900,000

Note : Organized into the following divisions :

Environmental information division  
 Systems analysis and planning division  
 Chemistry and physics division  
 Atmospheric environment division  
 Water and soil environment division  
 Environmental health sciences division  
 Environmental biology division

Name : National Aerospace Laboratory, Science and Technology Agency  
 Location : 1880 Jindaiji-cho, Chofu, Tokyo 180  
 Telephone : 0422-47-5911

	1976	1977	1978
Manpower :	-	482	482
Expenditure :	¥ -	¥ 4,316,060,000	¥ 4,695,820,000

Note : Organized into the following divisions :

1st aerodynamics division  
 2nd aerodynamics division  
 1st airframe division  
 2nd airframe division  
 Aeroengine division  
 Instrumentation and control division  
 Flight research division  
 V/STOL aircraft research group  
 Aircraft noise and emission research group  
 Space technology research group  
 Computer center  
 Kakuda branch

Name : National Research Institute for Metals  
 Science and Technology Agency  
 Location : 3-12, Nakameguro 2-chome, Meguro-ku, Tokyo 153  
 Telephone : 03-719-2271

	1976	1977	1978
Manpower :	-	473	473
Expenditure :	¥ -	¥ 3,367,710,000	¥ 3,865,710,000

Note : Organized into the following divisions :

Materials development group I  
 Metal physics division  
 Ferrous materials division  
 Nonferrous materials division  
 Materials development group II  
 Electronic materials division  
 Nuclear materials division  
 High strength materials division

Process metallurgy group  
     Process development division  
     Process metallurgy division  
     Metallurgical chemistry division  
 Metal processing group  
     Metal processing division  
     Welding division  
     Corrosion division  
 Material strength group  
     Creep testing division  
     Fatigue testing division  
     Material strength division

Name : National Institute of Resources, Science and Technology Agency  
 Location : 2-1, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100  
 Telephone : 03-581-5271

	1976	1977	1978
Manpower :	-	-	46
Expenditure :	¥ -	¥ 256,690,000	¥ 267,860,000

Name : National Institute of Radiological Science (NIRS)  
 Science and Technology Agency  
 Location : 9-1, Anagawa 4-chome, Chiba, Chiba 280  
 Telephone : 0472-51-2111

	1976	1977	1978
Manpower :	-	419	419
Expenditure :	¥ -	¥ 2,912,400,000	¥ 3,368,700,000

Note : Organized into the following divisions :

Physics division  
 Chemistry division  
 Biology division  
 Genetics division  
 Physiology and pathology division  
 Radiation hazards division  
 Pharmaceutical sciences division  
 Environmental health division  
 Clinical research division  
 Radiation health division

Training school  
Hospital  
Nakaminato laboratory  
Radioecology division  
Marine radioecology division

Name : National Research Center for Disaster Prevention  
Science and Technology Agency  
Location : Tennodai, Sakura-mura, Niihari-gun, Ibaraki 300-32  
Telephone : 0298-51-1611

	1976	1977	1978
Manpower :	-	115	115
Expenditure :	¥ -	¥ 1,487,870,000	¥ 1,716,500,000

Note : Organized into the following divisions :

1st division

Disaster analysis laboratory  
Storm and flood laboratory  
Climatic anomaly laboratory

2nd division

Principal research office  
Earthquake prediction technology laboratory  
Seismicity laboratory  
Crustal movement laboratory  
Earthquake and groundwater laboratory  
Earthquake laboratory  
Earthquake engineering laboratory

3rd division

Landslide laboratory  
Rainfall laboratory

4th division

Instrumentation laboratory  
Information processing laboratory  
Institute of snow and ice studies  
Coastal disaster laboratory (Hiratsuka branch)  
Snow disaster laboratory (Shinjo branch)

Name : National Institute for Research in Inorganic Metals (NIRIM)  
 Science and Technology Agency  
 Location : 1-1, Namiki, Sakura-mura, Niihari-gun, Ibaraki 300-31  
 Telephone : 0298-51-3351

	1976	1977	1978
Manpower :	-	170	170
Expenditure :	¥ -	¥ 1,183,500,000	¥ 1,291,840,000

Note : Organized into the following divisions :

- 1st group (double magnesium oxides)
- 2nd group (double titanium sulfides)
- 3rd group (metal silicon oxynitrides)
- 4th group (stannic oxide)
- 5th group (potassium tantalate-niobate)
- 6th group (boron nitride)
- 7th group (titanium oxide)
- 8th group (diamond)
- 9th group (alumino-silicate glass)
- 10th group (compound bismuth oxides)
- 11th group (germanates)
- 12th group (zirconium carbide)
- 13th group (barium aluminate)
- 14th group (rhenium oxide)
- 15th group (calcium sulfate phosphate)
- High-pressure research station

II. INSTITUTE CONTROLLED BY  
MINISTRY OF JUSTICE

Name : Research and Training Institute  
Location : 1-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100  
Telephone : 03-580-4111

	1976	1977	1978
Manpower :	-	95	114
Expenditure :	¥ -	¥ 147,470,000	¥ 163,980,000

Note : Organized into the following divisions :

- Criminological research department
  - 1st division (basic research)
  - 2nd division (practical research)
- U.N. training co-operation department
  - U.N. Asia and Far East institute for the Prevention of crime and treatment of offenders



III. INSTITUTES CONTROLLED BY  
MINISTRY OF FINANCE

Name : Central Customs Laboratory  
Location : 531, Iwase, Matsudo, Chiba 271  
Telephone : 0473-63-4211

	1976	1977	1978
Manpower :	-	19	16
Expenditure :	¥ -	¥ 66,000,000	¥ -

Name : Research Institute of Printing Bureau  
Location : 6-1, Oji 1-chome, Kita-ku, Tokyo 114  
Telephone : 03-913-7211

	1976	1977	1978
Manpower :	-	84	86
Expenditure :	¥ -	¥ 522,180,000	¥ 592,410,000

Name : National Research Institute of Brewing  
Location : 6-30, Takinogawa 2-chome, Kita-ku, Tokyo 114  
Telephone : 03-910-6235

	1976	1977	1978
Manpower :	-	38	40
Expenditure :	¥ -	¥ 272,510,000	¥ 319,350,000

IV. INSTITUTES CONTROLLED BY  
MINISTRY OF HEALTH AND WELFARE

Name : Institute of Population Problems  
Location : 2-2, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100  
Telephone : 03-591-4816 - 9

	1976	1977	1978
Manpower :	-	42	-
Expenditure :	¥ -	¥ -	¥ -

Note : Demographics

Name : Institute of Public Health (IPH)  
Location : 6-1, Shirokane-dai 4-chome, Minato-ku, Tokyo 108  
Telephone : 03-441-7111

	1976	1977	1978
Manpower :	-	202	200
Expenditure :	¥ -	¥ 1,119,120,000	¥ 1,185,820,000

Note : Organized into the following divisions :

Statistics department  
Demography department  
Physiological hygiene department  
Nutrition and biochemistry department  
Epidemiology department  
Microbiology department  
Sanitary engineering department  
Architectural hygiene and housing department  
Pharmaceutical department  
Veterinary department  
Maternal and child health department  
Industrial health department  
Public health practice department  
Nursing department  
Radiological health department  
Community environmental sciences department

Name : National Institute of Mental Health  
 Location : 7-3, Konodai 1-chome, Ichikawa, Chiba 272  
 Telephone : 0473-72-0141

	1976	1977	1978
Manpower :	-	44	-
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute of Nutrition  
 Location : 1, Toyama-cho, Shinjuku-ku, Tokyo 162  
 Telephone : 03-203-5721

	1976	1977	1978
Manpower :	-	55	-
Expenditure :	¥ -	¥ 357,570,000	¥ -

Name : National Institute of Health  
 Location : 10-35, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141  
 Telephone : 03-444-2181

	1976	1977	1978
Manpower :	-	480	481
Expenditure :	¥ -	¥ 2,788,110,000	¥ 3,332,790,000

Note : Organized into the following divisions :

- 1st bacteriology department
- 2nd bacteriology department
- Virology and rickettsiology department
- Enterovirus department

Measles virus department  
 Control virus diagnostic laboratory  
 Tuberculosis department  
 General biologics control  
 Antibiotics department  
 Parasitology department  
 Medical entomology department  
 Veterinary sciences department  
 Special diet department  
 Pathology department  
 Chemistry department  
 Dental department  
 Technological laboratory

Name : National Institute of Hospital Administration  
 Location : 1, Toyama-cho, Shinjuku-ku, Tokyo 162  
 Telephone : 03-203-5327

	1976	1977	1978
Manpower :	-	23	25
Expenditure :	¥ -	¥ 111,320,000	¥ 123,310,000

Name : National Institute for Leprosy Research  
 Location : 2-1, Aoba-cho 4-chome, Higashimurayama, Tokyo 189  
 Telephone : 0423-91-8211

	1976	1977	1978
Manpower :	-	34	40
Expenditure :	¥ -	¥ 329,790,000	¥ 243,600,000

Name : National Cancer Center Research Institute  
Location : 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104  
Telephone : 03-542-2511

	1976	1977	1978
Manpower :	-	123	123
Expenditure :	¥ -	¥ 799,780,000	¥ 876,750,000

Note : Organized into the following divisions :

Biochemistry division  
Pathology division  
Biology division  
Chemotherapy division  
Pharmacology division  
Biophysics division  
Radiobiology division  
Virology division  
Serology division  
Endocrinology division  
Epidemiology division  
Mass-screening division  
Laboratory for experimental animals

Name : National Institute of Hygienic Sciences  
 Location : 18-1, Kamiyoga 1-chome, Setagaya-ku Tokyo 158  
 Telephone : 03-700-1141

	1976	1977	1978
Manpower :	-	312	290
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- Synthetic chemistry division
- Drug division
- Biological chemistry and reference standards division
- Radiochemistry division
- Pharmacognosy and phytochemistry division
- Medical supplies division
- Environmental chemistry division
- Food division
- Food additives division
- Microbiology division
- Medical chemistry division
- Biological safety research division
- Toxicology division
- Pharmacology division
- Pathology division
- Library division
- Osaka Branch
  - Drugs division
  - Foods division
  - Pharmacology and microbiology division
- Experimental stations (natural products)
  - at Hokkaido, Kasukabe, Izu, Wakayama, and Tanegashima

V. INSTITUTES CONTROLLED BY  
MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES

Name : National Institute of Agricultural Science  
Location : 3-1-1, Yatabe-cho, Kannondai, Tsukuba-gun, Ibaraki 300-21  
Telephone : 02975-6-8481

	1976	1977	1978
Manpower :	-	422	397
Expenditure :	¥ -	¥ 2,375,170,000	¥ 2,902,570,000

Note : Organized into the following divisions :

- Physics and statistics department
- Soil and fertilizer department
- Plant pathology and entomology department
- Physiology and genetics department
- Farm management and land utilization department
- Radiation treatment institute

Name : Central Agricultural Experiment Station  
Location : 1227, Konosu, Saitama 365  
Telephone : 0485-41-1231

	1976	1977	1978
Manpower :	-	240	240
Expenditure :	¥ -	¥ 1,080,710,000	¥ 1,175,920,000

Note:

- (1) Will move to same location as National Institute of Agricultural Science in Tsukuba soon.
- (2) Organized into the following divisions :
  - Research planning and coordination division
  - Crop division
  - Upland farming division
  - Environment division
  - Farm operation division
  - Farm management division

Name : National Institute of Animal Husbandry  
 Location : 2, Kukisaki-mura Ikenodai, Inashiki-gun, Ibaraki 300-12  
 Telephone : 02975-6-8582

	1976	1977	1978
Manpower :	-	236	234
Expenditure :	¥ -	¥ 1,112,440,000	¥ 1,159,200,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Genetics division  
 Reproduction division  
 Physiology division  
 Nutrition division  
 Feeding and management division  
 Products division

Name : National Grassland Research Institute  
 Location : 768, Nishinasuno-cho, Nasu-gun, Tochigi 329-27  
 Telephone : 02873-6-0111

	1976	1977	1978
Manpower :	-	231	231
Expenditure :	¥ -	¥ 1,187,800,000	¥ 1,255,980,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Grassland planning division  
 Ecology division  
 Pasture plant division  
 Environment division  
 Animal science division  
 Grassland engineering division  
 Alpine region branch



Name : Fruit Tree Research Station  
 Location : 2-1, Fujimoto, Yatabe, Ibaraki 254  
 Telephone : 02975-6-6450

	1976	1977	1978
Manpower :	-	230	234
Expenditure :	¥ -	¥ 807,860,000	¥ 1,559,920,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Fruit breeding division  
 Pomology division  
 Plant protection division  
 Four branch stations:  
     Morioka branch  
     Okitsu branch  
     Akitsu branch  
     Kuchinotsu branch

Name : Vegetable and Ornamental Crops Research Station  
 Location : 670, Ishinden-Ogoso, Tsu, Mie 514-01  
 Telephone : 0592-32-3531

	1976	1977	1978
Manpower :	-	218	163
Expenditure :	¥ -	¥ 1,504,190,000	¥ 991,580,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Plant breeding division  
 Cultivation and plant physiology division  
 Plant protection and environment division  
 Greenhouse cultivation division  
 Morioka branch station  
 Kurume branch station

Name : National Research Institute of Tea  
 Location : 2769, Kanaya-machi, Shizuoka, Shizuoka 428  
 Telephone : 05474-5-4101

	1976	1977	1978
Manpower :	-	100	77
Expenditure :	¥ -	¥ 490,490,000	¥ 529,480,000

Name : National Research Institute of Agricultural Engineering  
 Location : 2-1-2, Kannondai, Yatabe, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 02975-6-7504

	1976	1977	1978
Manpower :	-	128	110
Expenditure :	¥ -	¥ 1,085,710,000	¥ 1,297,250,000

Note : Organized into the following divisions :

Research planning and coordination department  
 Water management department  
 Land improvement department  
 Hydraulic engineering department  
 Construction engineering department  
 Saga branch

Name : Hokkaido National Agricultural Experiment Station  
 Location : 1, Hitsuzigaoka, Sapporo, Hokkaido 061-01  
 Telephone : 011-851-9141

	1976	1977	1978
Manpower :	-	446	441
Expenditure :	¥ -	¥ 2,487,290,000	¥ 2,618,520,000

Note : Organized into the following divisions :

Research planning and coordination division  
 1st crop division  
 2nd crop division  
 Sugar beet division  
 Upland farming division  
 Agricultural chemistry division  
 Agricultural physics division  
 Plant disease and insect division  
 Livestock division  
 1st grassland development division  
 2nd grassland development division  
 Farm management division

Name : Tohoku National Agricultural Experiment Station  
 Location : 4, Akahira, Shimo-kuriyagawa, Morioka, Iwate 020-01  
 Telephone : 0196-47-2145

	1976	1977	1978
Manpower :	-	359	356
Expenditure :	¥ -	¥ 1,580,170,000	¥ 1,630,440,000

Note : Organized into the following divisions :

Research planning and coordination division  
 1st agronomy division  
 2nd agronomy division  
 Environment division  
 Livestock division  
 Grassland division  
 Farm mechanization division  
 Farm management division

Name : Hokuriku National Agricultural Experiment Station  
 Location : Inada, Joetsu, Niigata 943-01  
 Telephone : 0255-23-4131

	1976	1977	1978
Manpower :	-	121	120
Expenditure :	¥ -	¥ 610,400,000	¥ 687,930,000

Note : Organized into the following divisions :  
 Research planning and coordination division  
 Crop division  
 Environment division

Name : Chugoku National Agricultural Experiment Station  
 Location : 450, Nishifukatsu-cho, Fukuyama, Hiroshima 720  
 Telephone : 0849-23-4100

	1976	1977	1978
Manpower :	-	207	206
Expenditure :	¥ -	¥ 923,420,000	¥ 1,033,610,000

Note : Organized into the following divisions :  
 Research planning and coordination division  
 Crop division  
 Environment division  
 Livestock division  
 Farm management division

Name : Shikoku National Agricultural Experiment Station  
 Location : 3, Zentsuji-cho, Zentsuji, Kagawa 765  
 Telephone : 08776-2-0800

	1976	1977	1978
Manpower :	-	130	129
Expenditure :	¥ -	¥ 567,540,000	¥ 599,320,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Agronomy division  
 Land utilization division

Name : Kyushu Agricultural Experiment Station  
 Location : 496, Izumi, Chikugo, Fukuoka 833  
 Telephone : 09425-2-3101

	1976	1977	1978
Manpower :	-	326	316
Expenditure :	¥ -	¥ 1,634,270,000	¥ 1,705,190,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Lowland crops research division  
 Upland crops research division  
 Plant pathology, entomology, and agrometeorology division  
 Soils and plant nutrition division  
 Animal husbandry research division  
 Grassland research division  
 Farm management division  
 Upland farming research division

Name : National Research Institute of Agricultural Economics  
 Location : 2-1, Nishigahara 2-chome, Kita-ku, Tokyo 114  
 Telephone : 03-910-3946

	1976	1977	1978
Manpower :	-	98	93
Expenditure :	¥ -	¥ -	¥ -

Name : Sericultural Experiment Station  
 Location : 1-2, Yatabe-cho Ohwashi, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 02975-6-6026

	1976	1977	1978
Manpower :	-	594	598
Expenditure :	¥ -	¥ 3,095,270,000	¥ 3,317,660,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Mulberry tree culture division  
 Silkworm physiology division  
 Silkworm breeding division  
 Sericulture division  
 Pathology and entomology division  
 Spinning division  
 Silk fiber division  
 Chemistry division  
 Tohoku branch station  
 Chubu branch station  
 Kansai branch station  
 Kyushu branch station  
 Shinjo silkworm-egg experiment station  
 Miyazaki silkworm-egg experiment station  
 Okaya spinning experiment station

Name : National Institute of Animal Health (NIAH)  
 Location : 3-1-1, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 02975-6-7713

	1976	1977	1978
Manpower :	-	360	213
Expenditure :	¥ -	¥ 1,280,000,000	¥ 1,374,000,000

Note : Organized into the following divisions :

Research planning and coordination division  
 1st division (bacterial and parasitic diseases)  
 2nd division (acute viral diseases and epizootiological survey)  
 3rd division (reproductive diseases and pathology)  
 4th division (biochemistry, biophysics, toxicology, and  
 environmental physiology)  
 Feed safety research division  
 Equine infections and animal research division  
 Biological products research division  
 Hokkaido branch laboratory (diseases of dairy cattle and horses)  
 Tohoku branch laboratory (diseases of beef cattle and  
 sanitation in grazing and pasturing)  
 Hokuriku branch laboratory (clinical diseases of cattle, and  
 sanitation in grazing and pasturing)  
 Kyushu branch laboratory (parasitic diseases of beef cattle)  
 Poultry disease laboratory

Name : National Food Reserch Institute  
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 02975-6-7971

	1976	1977	1978
Manpower :	-	138	138
Expenditure :	¥ -	¥ 907,300,000	¥ 1,312,500,000

Note : Organized into the following divisions :

Research planning and coordination division  
 Food science division  
 Food science and nutrition division  
 Food distribution division  
 Utilization division  
 Food protection and preservation division  
 Applied microbiology division  
 Food engineering division  
 Shinjo branch

Name : Institute for Plant Virus Research  
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 02975-6-7001

	1976	1977	1978
Manpower :	-	50	50
Expenditure :	¥ -	¥ -	¥ -

Name : Tropical Agriculture Research Center  
 Location : 2-1-2, Yatabe-cho Kannondai, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 09808-2-2306

	1976	1977	1978
Manpower :	-	94	94
Expenditure :	¥ -	¥ 923,100,000	¥ 972,490,000



Name : Forestry and Forest Products Research Institute  
 Location : P.O. Box 2, Ushiku, Ibaraki 300-12  
 Telephone : 02987-3-3211

	1976	1977	1978
Manpower :	-	775	-
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Research coordinating division  
 Forest management division  
 Forest mechanization division  
 Silviculture division  
 Forest protection division  
 Forest influences division  
 Forest soils division  
 Forest products chemistry division  
 Wood technology division  
 Kiso sub-branch station  
 Asakawa experiment forest  
 Hokkaido branch station  
 Tohoku branch station  
 Yamagata sub-branch station  
 Kansai branch station  
 Shikoku branch station  
 Kyushu branch station

Name : Agricultural Chemical Inspection Station  
 Location : 2-772, Suzuki-cho, Kodaira, Tokyo 187  
 Telephone : 0423-83-2151

	1976	1977	1978
Manpower :	-	42	-
Expenditure :	¥ -	¥ -	¥ -

Name : Yokohama Silk Conditioning House  
 Location : 5-57, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 231  
 Telephone : 045-201-7431

	1976	1977	1978
Manpower :	-	-	291
Expenditure :	¥ -	¥ 95,450,000	¥ 105,440,000

Note : Organized into the following divisions :

Grading laboratory  
 Mechanical testing laboratory  
 Electrical testing laboratory  
 Standards laboratory  
 Chemical laboratory  
 Products laboratory

Name : Kobe Silk Conditioning House  
 Location : 1-4, Onohama-cho, Fukiai-ku, Kobe, Hyogo 651  
 Telephone : 078-331-2741

	1976	1977	1978
Manpower :	-	-	249
Expenditure :	¥ -	¥ 973,620,000	¥ 1,065,750,000

Note : Organized into the following divisions :

Physics division  
 Chemistry division

Name : National Veterinary Assay Laboratory  
 Location : 15-1, Togura 1-chome, Kokubunji, Tokyo 185  
 Telephone : 0423-21-1841

	1976	1977	1978
Manpower :	-	-	78
Expenditure :	¥ -	¥ 430,330,000	¥ 528,420,000

Name : Yokohama Plant Protection Station  
 Location : 5-57, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 231  
 Telephone : 045-211-2294

	1976	1977	1978
Manpower :	-	-	29
Expenditure :	¥ -	¥ 105,560,000	¥ 132,550,000

Name : Kobe Plant Protection Station  
 Location : 1-4, Onohama-cho, Fukiai-ku, Kobe, Hyogo 651  
 Telephone : 078-331-2385

	1976	1977	1978
Manpower :	-	-	177
Expenditure :	¥ -	¥ 633,550,000	¥ 656,860,000

Note : Organized into the following divisions :

Microbiology laboratory  
 Biology laboratory

Name : Moji Plant Protection Station  
 Location : 3-10, Nishikaigan 1-chome, Moji-ku, Kita-kyushu, Fukuoka 801  
 Telephone : 093-321-1404

	1976	1977	1978
Manpower :	-	-	100
Expenditure :	¥ -	¥ 387,470,000	¥ 396,100,000

Note : Basic research on the relations between fruit flies and  
 their surrounding temperature.  
 Studies of the life of sclerotia in the soil.  
 Pasteurizing effect of sclerotia under infrared heating.

Name : National Hokkaido-chuo Potato Foundation Stock Seed Farm  
 Location : Nishinosato, Hiroshima-cho, Sapporo-gun, Hokkaido 061-11  
 Telephone : 01137-5-3611

	1976	1977	1978
Manpower :	-	-	37
Expenditure :	¥ -	¥ 158,110,000	¥ 168,170,000

Name : Iburi Potato Foundation Seed Farm  
 Location : Tomioka, Hayakita-cho, Yufutsu-gun, Hokkaido 059-14  
 Telephone : 01452-2-2042

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ -	¥ -

Name : Shiribeshi Potato Foundation Stock Seed Farm  
 Location : Mihama, Makkari-mura, Abuta-gun, Hokkaido 048-16  
 Telephone : 013646-26

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Tokachi Potato Foundation Stock Seed Farm  
 Location : Kofuku-cho, Obihiro, Hokkaido 089-12  
 Telephone : 0155-64-5234

	1976	1977	1978
Manpower :	-	-	43
Expenditure :	¥ -	¥ -	¥ -

Name : Tsumagoi Potato Foundation Stock Seed Farm  
 Location : Tashiro, Tsumagoi-mura, Azuma-gun, Gumma 377  
 Telephone : 02799-8-0011

	1976	1977	1978
Manpower :	-	-	36
Expenditure :	¥ -	¥ 165,500,000	¥ 160,000,000

Name : Yatsugatake Potato Foundation Stock Seed Farm  
 Location : 11401-1, Tamagawa, Chino, Nagano 391-01  
 Telephone : 02667-4-2005

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ 150,000,000	¥ 160,000,000

Name : Unzen Potato Foundation Stock Seed Farm  
 Location : Saigo, Mizuho-cho, Minami-takaki-gun, Nagasaki 869-12  
 Telephone : 0957-77-0056

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : National Kagoshima Sugarcane Foundation Seed Farm  
 Location : 5252-1, Nakatane-cho Yuku, Kumage-gun, Kagoshima 891-36  
 Telephone : 09973-2-0321

	1976	1977	1978
Manpower :	-	-	14
Expenditure :	¥ -	¥ 65,570,000	¥ 71,060,000

Name : Kanaya Tea Stock Seed Farm  
 Location : 3385-1, Kanaya, Kanaya-cho, Haibara-gun, Shizuoka 428  
 Telephone : 05474-5-2788

	1976	1977	1978
Manpower :	-	-	5
Expenditure :	¥ -	¥ -	¥ -

Name : Nara Tea Stock Seed Farm  
 Location : 503, Kitahata, Horen-cho, Nara 630  
 Telephone : 0742-22-4997

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Chiran Reproduction of Tea Seed Farm  
 Location : 17327, Kohri, Chiran-cho, Kawabe-gun, Kagoshima 897-03  
 Telephone : 09938-3-2046

	1976	1977	1978
Manpower :	-	-	5
Expenditure :	¥ -	¥ 21,500,000	¥ 22,900,000

Name : National Hokkaido Forest Tree Breeding Station  
 Location : 561, Nishinopporo, Ebetsu, Hokkaido 069-01  
 Telephone : 01138-6-5087

	1976	1977	1978
Manpower :	-	-	28
Expenditure :	¥ -	¥ 158,380,000	¥ 135,710,000

Name : Tohoku Forest Tree Breeding Institute  
 Location : 95, Ohsaki, Takizawa, Iwate-gun, Iwate 020-01  
 Telephone : 0196-88-4517

	1976	1977	1978
Manpower :	-	-	24
Expenditure :	¥ -	¥ 141,680,000	¥ 122,240,000

Name : Kanto Forest Tree Breeding Institute  
 Location : 978, Kasahara-cho, Mito, Ibaraki 310  
 Telephone : 0292-43-1190

	1976	1977	1978
Manpower :	-	-	45
Expenditure :	¥ -	¥ 157,650,000	¥ 228,500,000

Name : Kansai Forest Tree Breeding Station  
 Location : Uetsuki-naka, Katsuoh-cho, Katsuta-gun, Okayama 709-43  
 Telephone : 086838-5138

	1976	1977	1978
Manpower :	-	-	27
Expenditure :	¥ -	¥ 138,140,000	¥ 123,730,000



Name : Kyushu Forest Tree Breeding Station  
 Location : 2321, Suya, Nishigoshi-cho, Kikuchi-gun, Kumamoto 861-11  
 Telephone : 09624-2-3151

	1976	1977	1978
Manpower :	-	-	26
Expenditure :	¥ -	¥ 135,650,000	¥ 187,450,000

Name : Tokachi National Livestock Breeding Station  
 Location : Otofuke, Otofuke-cho, Katoh-gun, Hokkaido 195  
 Telephone : 01554-4-2131

	1976	1977	1978
Manpower :	-	-	175
Expenditure :	¥ -	¥ 777,040,000	¥ 781,740,000

Note : Organized into the following divisions :

Breeding laboratory  
 Cattle laboratory  
 Feed laboratory  
 Health laboratory  
 Seed laboratory  
 Plant Genetics laboratory  
 Management technology laboratory

Name : Niikappu National Livestock Breeding Station  
 Location : Misono, Shizunai-cho, Shizunai-gun, Hokkaido 056-01  
 Telephone : 01464-6-2011

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Hidaka Livestock Breeding Station  
 Location : Nishicha, Urakawa-cho, Urakawa-gun, Hokkaido 057-01  
 Telephone : 01462-8-1311

	1976	1977	1978
Manpower :	-	-	-
Expenditure :	¥ -	¥ -	¥ -

Name : Ohu National Livestock Breeding Station  
 Location : I, Tsurunokotai, Shichinohe-cho, Kamikita-gun, Aomori 039-25  
 Telephone : 017662-3281

	1976	1977	1978
Manpower :	-	97	97
Expenditure :	¥ -	¥ 401,400,000	¥ -

Name : Iwate National Livestock Breeding Station  
 Location : 72-1, Anakuchi, Shimokuriyagawa, Morioka, Iwate 020-01  
 Telephone : 0196-47-2131

	1976	1977	1978
Manpower :	-	-	99
Expenditure :	¥ -	¥ 484,860,000	¥ 485,540,000

Name : Fukushima National Livestock Breeding Station  
 Location : Odakura, Saigo-mura, Nishi-shirakawa-gun, Fukushima 961  
 Telephone : 02482-5-2231

	1976	1977	1978
Manpower :	-	-	106
Expenditure :	¥ -	¥ 512,890,000	¥ 528,000,000

Note : Organized into the following divisions :

Feed research laboratory  
 Grass field development laboratory

Name : Shirakawa National Livestock Breeding Station  
 Location : I, Jusanbara, Shirakawa, Fukushima 961  
 Telephone : 02482-4-0221

	1976	1977	1978
Manpower :	-	-	59
Expenditure :	¥ -	¥ 252,000,000	¥ 276,960,000

Name : Nagano National Livestock Breeding Station  
 Location : 1889, Arakoda, Saku, Nagano 385  
 Telephone : 02676-7-2501

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 237,200,000	¥ 284,000,000

Name : Okazaki National Poultry Breeding Station  
 Location : 37-2, Gonsui, Hosokawa-cho, Okazaki, Aichi 444-21  
 Telephone : 0564-45-2521

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 213,820,000	¥ 195,040,000

Name : Hyogo National Livestock Breeding Station  
 Location : Haze, Itsusai-cho, Tatsuno, Hyogo 679-41  
 Telephone : 07916-6-0801

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 198,210,000	¥ -

Name : Tottori Livestock Breeding Station  
 Location : 14, Idekami, Akasaki-cho, Tohaku-gun, Tottori 689-25  
 Telephone : 08585-5-1511

	1976	1977	1978
Manpower :	-	-	42
Expenditure :	¥ -	¥ 186,000,000	¥ 185,000,000

Name : Chuhgoku Livestock Breeding Station  
 Location : Irino, Kawachi-cho, Kamo-gun, Hiroshima 729-15  
 Telephone : 08243-7-1005

	1976	1977	1978
Manpower :	-	-	35
Expenditure :	¥ -	¥ 155,830,000	¥ 165,120,000

Name : Kumamoto Livestock Breeding Station  
 Location : 4372, Nishigoshi-cho Aioi, Kikuchi-gun, Kumamoto 861-11  
 Telephone : 09624-2-0003

	1976	1977	1978
Manpower :	-	-	19
Expenditure :	¥ -	¥ 89,330,000	¥ 92,640,000

Name : Miyazaki Livestock Breeding Station  
 Location : Hosono, Kobayashi, Miyazaki 886  
 Telephone : 09842-2-3500

	1976	1977	1978
Manpower :	-	-	79
Expenditure :	¥ -	¥ 356,720,000	¥ 373,110,000

Name : Hokkaido Regional Fisheries Research Laboratory  
 Location : 116, Katsurakoi, Kushiro, Hokkaido 085  
 Telephone : 0154-91-9136

	1976	1977	1978
Manpower :	-	91	90
Expenditure :	¥ -	¥ 548,580,000	¥ -

Name : Tohoku Regional Fisheries Research Laboratory  
 Location : 3-27, Shinhamma, Shiogama, Miyagi 985  
 Telephone : 02236-2-1191

	1976	1977	1978
Manpower :	-	73	44
Expenditure :	¥ -	¥ 292,590,000	¥ 317,320,000

Name : Tokai Regional Fisheries Research Laboratory  
 Location : 5-1, Kachidoki 5-chome, Chuo-ku, Tokyo 104  
 Telephone : 03-531-1221

	1976	1977	1978
Manpower :	-	181	181
Expenditure :	¥ -	¥ 1,267,270,000	¥ -

Note : Organized into the following divisions :

Research planning and coordination division  
 Marine resources division  
 Population dynamics and statistics division  
 Oceanography division  
 Fishing gear and method division  
 Marine products utilization division  
 Preservation division  
 Biochemistry division  
 Radioactivity division  
 Marine propagation division  
 Water quality division

Name : Nansei Regional Fisheries Research Laboratory  
 Location : 7782-9, Ohno-cho Maruishi, Saiki-gun, Hiroshima 739-04  
 Telephone : 08295-5-0666

	1976	1977	1978
Manpower :	-	81	80
Expenditure :	¥ -	¥ 511,740,000	¥ 500,000,000

Name : Seikai Regional Fisheries Research Laboratory  
 Location : 49, Kokubu-cho, Nagasaki, Nagasaki 850  
 Telephone : 0958-22-8158

	1976	1977	1978
Manpower :	-	83	84
Expenditure :	¥ -	¥ 472,080,000	¥ 492,990,000

Name : Japan Sea Regional Fisheries Research Laboratory  
 Location : 5939-22, Nishifunami-cho, Niigata, Niigata 951  
 Telephone : 0252-28-0451

	1976	1977	1978
Manpower :	-	53	53
Expenditure :	¥ -	¥ 295,410,000	¥ 278,140,000

Name : Freshwater Fisheries Research Laboratory  
 Location : 399, Miya, Hino, Tokyo 191  
 Telephone : 0425-82-0208

	1976	1977	1978
Manpower :	-	62	66
Expenditure :	¥ -	¥ 380,630,000	¥ 383,930,000

Name : Ocean Fisheries Research Laboratory  
 Location : 1000, Orido, Shimizu, Shizuoka 424  
 Telephone : 0543-34-0715

	1976	1977	1978
Manpower :	-	91	91
Expenditure :	¥ -	¥ 596,470,000	¥ 555,610,000

Note : Specializes in studies of fishing grounds far away from Japan.

Name : Pearl Research Laboratory  
 Location : Kashikojima, Ago-cho, Shima-gun, Mie 517-07  
 Telephone : 05994-3-1072

	1976	1977	1978
Manpower :	-	22	19
Expenditure :	¥ -	¥ 113,730,000	¥ 145,240,000

Name : Hokkaido Salmon Hatchery  
 Location : Nakanoshima 2-jo, 2-chome, Toyohira-ku, Sapporo, Hokkaido 062  
 Telephone : 011-822-2131

	1976	1977	1978
Manpower :	-	-	156
Expenditure :	¥ -	¥ 913,010,000	¥ 1,032,980,000

Note : Organized into the following divisions :

Ecology division  
 Environment division



VI. INSTITUTES CONTROLLED BY  
AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY,  
MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

Name : National Research Laboratory of Metrology  
Agency of Industrial Science and Technology,  
Ministry of International Trade and Industry (MITI)  
Location : 1-1-4, Sakura-mura Umezono, Niihari-gun, Ibaraki 305  
Telephone : 0298-54-4110

	1976	1977	1978
Manpower :	-	251	251
Expenditure :	¥ -	¥ 1,667,150,000	¥ 1,750,860,000

Note : Organized into the following divisions :

1st division (applied optics, engineering metrology,  
measurement system)  
2nd division (thermometry, thermal measurement,  
quantum metrology)  
3rd division (fluid metrology, mechanical metrology,  
composition measurement)  
4th division (measuring instruments, testing, and inspection)

Name : Mechanical Engineering Laboratory  
Agency of Industrial Science and Technology, MITI  
Location : 1-2, Sakura-mura, Namiki, Niihari-gun, Ibaraki 305  
Telephone : 0298-54-2501

	1976	1977	1978
Manpower :	-	320	320
Expenditure :	¥ -	¥ 2,272,400,000	¥ 2,438,340,000

Note : Organized into the following divisions :

Basic engineering division  
Systems science division  
Machinery division  
Materials engineering division  
Production engineering division  
Automobile division

Name : Fermentation Research Institute  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-54-6000

	1976	1977	1978
Manpower :	-	84	84
Expenditure :	¥ -	¥ 565,960,000	¥ 601,250,000

Name : Research Institute for Polymers and Textiles  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1-4, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-54-6203

	1976	1977	1978
Manpower :	-	136	136
Expenditure :	¥ -	¥ 1,028,980,000	¥ 1,092,920,000

Note : Organized into the following divisions :

- 1st division (biopolymers and bioengineering)
- 2nd division (polymer synthesis and chemical process)
- 3rd division (polymer physics and processing technology)
- 4th division (soft technology for polymer and textiles)

Name : Geological Survey of Japan  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-54-3521

	1976	1977	1978
Manpower :	-	436	432
Expenditure :	¥ -	¥ 3,399,040,000	¥ 3,630,510,000

Note : Organized into the following divisions :

Research planning office  
 Geology department  
 Marine geology department  
 Environmental geology department  
 Geothermal research department  
 Mineral deposits department  
 Fuel department  
 Geophysics department  
 Geochemistry and technical services department  
 Hokkaido branch  
 Tohoku office  
 Nagoya office  
 Osaka office  
 Chugoku office  
 Shikoku office  
 Kyushu office

Name : Electrotechnical Laboratory (ETL)  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1-4, Sakura-mura Umezono, Niihari-gun, Ibaraki 305  
 Telephone : 0298-54-5011

	1976	1977	1978
Manpower :	-	768	774
Expenditure :	¥ -	¥ 7,083,820,000	¥ 7,515,770,000

Note : Organized into the following divisions :

Fundamental science division  
 Materials division  
 Electronic device division  
 Information science division  
 Electronic computer division  
 Computer science division  
 Automatic control division  
 Radio & opto-electronics division  
 Quantum technology division  
 Advanced technology division  
 Energy division  
 Standards & measurement division  
 Osaka branch

Name : Industrial Products Research Institute  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1-4, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305-21  
 Telephone : 0298-54-6640

	1976	1977	1978
Manpower :	-	149	148
Expenditure :	¥ -	¥ 441,540,000	¥ 1,064,790,000

Note : Organized into the following divisions :

Materials research division  
 Production engineering division  
 Human factors engineering division  
 Products design division

Name : National Research Institute for Pollution and Resources,  
 Agency of Industrial Science and Technology, MITI  
 Location : 16-3, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-54-3022

	1976	1977	1978
Manpower :	-	390	384
Expenditure :	¥ -	¥ 3,200,780,000	¥ -

Note : Organized into the following divisions :

Coal and carbon division  
 Hydrocarbon processing division  
 Mineral processing division  
 Mining and safety division  
 Pollution diffusion division  
 Air pollution control division  
 Water pollution control division  
 Combustion and combustion pollution control division  
 Kyushu coal mine research center  
 Hokkaido coal mine research center

Name : National Chemical Laboratory for Industry,  
 Agency of Industrial Science and Technology, MITI  
 Location : 1-1, Yatabe-cho Higashi, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-54-4405

	1976	1977	1978
Manpower :	-	419	419
Expenditure :	¥ -	¥ 2,910,440,000	¥ 3,086,500,000

Note : Organized into the following divisions :

Basic research division  
 Analytical chemistry division  
 Synthetic chemistry division  
 Energy chemistry division  
 Catalysis division  
 Bioorganic chemistry division  
 Process research and development division  
 Safety and environmental chemistry division

Name : Government Industrial Research Institute, Osaka  
 Agency of Industrial Science and Technology, MITI  
 Location : 8-31, Midorigaoka 1-chome, Ikeda, Osaka 563  
 Telephone : 0727-51-8351

	1976	1977	1978
Manpower :	-	248	248
Expenditure :	¥ -	¥ 1,870,330,000	¥ 1,953,690,000

Note : Organized into the following divisions :

- 1st division (inorganic materials)
- 2nd division (chemical organic materials)
- 3rd division (industrial physics and technology)
- 4th division (glass and ceramic materials)
- 5th division (hydrogen energy technology and pollution control technology)

Name : Government Industrial Research Institute, Nagoya  
 Agency of Industrial Science and Technology, MITI  
 Location : 1, Hirate-cho, Kita-ku, Nagoya, Aichi 462  
 Telephone : 052-911-2111

	1976	1977	1978
Manpower :	-	280	281
Expenditure :	¥ -	¥ 2,088,170,000	¥ 2,269,970,000

Note : Organized into the following divisions :

- 1st division (mechanical engineering)
- 2nd division (metallurgical engineering)
- 3rd division (chemistry)
- 4th division (application of atomic energy)
- 5th division (ceramic engineering)
- 6th division (pottery technology)

**Name :** Government Industrial Development Laboratory, Hokkaido  
 Agency of Industrial Science and Technology, MITI  
**Location :** 41-2, Higashi-tsukisamu, Toyohira-ku, Sapporo, Hokkaido 061-01  
**Telephone :** 011-851-051

	1976	1977	1978
<b>Manpower :</b>	-	-	104
<b>Expenditure :</b>	¥ -	¥ 786,690,000	¥ 1,017,490,000

**Note :** Organized into the following divisions :

- 1st division
  - research on effective usage of coal
  - petroleum and petrochemical
  - research of effective usage of metallic and non-metallic minerals
- 2nd division
  - chemical analysis
  - analysis using electronic equipment
  - treatment of industrial waste water
- 3rd division
  - manual operation of chemical equipment
  - automatic operation of chemical equipment
  - design of chemical pilot plant
  - design of chemical equipment and material testing

**Name :** Government Industrial Research Institute, Kyushu  
 Agency of Industrial Science and Technology, MITI  
**Location :** Shuku-machi, Tosu, Saga 841  
**Telephone :** 09428-2-5161

	1976	1977	1978
<b>Manpower :</b>	-	95	94
<b>Expenditure :</b>	¥ -	¥ 759,800,000	¥ 764,720,000

**Note :** Organized into the following divisions :

- Chemistry division
- Mechanical and metal division
- Mineral resources division

Name : Government Industrial Research Institute, Shikoku  
 Agency of Industrial Science and Technology, MITI  
 Location : 3-3, Hananomiya 2-chome, Takamatsu, Kagawa 761  
 Telephone : 0878-61-3511

	1976	1977	1978
Manpower :	-	46	46
Expenditure :	¥ -	¥ 352,650,000	¥ 431,200,000

Note : Organized into the following divisions :

Chemistry division  
 Machinery and metals division

Name : Government Industrial Research Institute, Tohoku  
 Agency of Industrial Science and Technology, MITI  
 Location : Nigatake, Haramachi, Sendai, Miyagi 983  
 Telephone : 0222-57-5211

	1976	1977	1978
Manpower :	-	57	57
Expenditure :	¥ -	¥ 419,730,000	¥ 448,410,000

Note : Organized into the following divisions :

Chemical division  
 Machinery and metals division



Name : Government Research Institute, Chugoku  
Agency of Industrial Science and Technology, MITI  
Location : 15,000, Hiro-cho, Kure, Hiroshima 737-01  
Telephone : 0823-72-1111

	1976	1977	1978
Manpower :	-	52	51
Expenditure :	¥ -	¥ 539,980,000	¥ 564,730,000

Note : Organized into the following divisions :

Coastal environment division  
Machinery and metals division

VII. INSTITUTES CONTROLLED BY  
MINISTRY OF TRANSPORT

Name : Ship Research Institute  
Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181  
Telephone : 0422-45-5171

	1976	1977	1978
Manpower :	-	287	289
Expenditure :	¥ -	¥ 2,207,180,000	¥ 2,510,96

Note : Organized into the following divisions :

Ship production division  
Ship dynamics division  
Ship structure division  
Welding and fabrication division  
Engine development division  
Marine engine division  
Ship equipment division  
Nuclear ship division  
Oceanographical engineering division  
Physical engineering division  
Osaka branch  
Tokai branch

Name : Electronic Navigation Research Institute  
Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181  
Telephone : 0422-45-5171

	1976	1977	1978
Manpower :	-	55	57
Expenditure :	¥ -	¥ 624,660,000	¥ 780,22

Name : Port and Harbour Research Institute  
 Location : 1-1, Nagase 3-chome, Yokosuka, Kanagawa 239  
 Telephone : 0468-41-5410

	1976	1977	19
Manpower :	-	261	21
Expenditure :	¥ -	¥ 2,281,160,000	¥ 2,422,

Note : Organized into the following divisions :

Hydraulic engineering division  
 Marine hydrodynamics division  
 Soils division  
 Structures division  
 Design standard division  
 Machinery division

Name : Traffic Safety and Nuisance Research Institute  
 Location : 38-1, Shinkawa 6-chome, Mitaka, Tokyo 181  
 Telephone : 0422-45-5171

	1976	1977	19
Manpower :	-	93	
Expenditure :	¥ -	¥ 2,274,360,000	¥ 3,502,

Name : Magnetic Observatory  
 Location : 595, Kakioka, Yasato-cho, Niihari-gun, Ibaraki 315-01  
 Telephone : 02994-3-1151

	1976	1977	19
Manpower :	-	-	
Expenditure :	¥ -	¥ 255,860,000	¥ 265

Name : Seismological Observatory, Japan Meteorological Agency  
 Location : 3511, Matsushiro-cho Saijo, Nagano, Nagano 381-12  
 Telephone : 0262-78-2235

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 74,140,000 ¥

Name : Institute for Sea Training, Ministry of Transport  
 Location : 1-3, Kasumigaseki 2-chome, Chiyoda-ku, Tokyo 100  
 Telephone : 03-580-3111

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 4,282,020,000 ¥ 4,

Note : Organized into the following divisions :

- 1st research group (research on the ships which use wind & auxiliary propulsive force)
- 2nd research group (micro-computer application for various calculating on controlling equipment on the ship)
- Science ships for training and education
  - Sailing ships : Nihon-maru  
Kaioh-maru
  - Turbine steamers : Taisei-maru  
Hokuto-maru
  - Diesel engine ships : Shintoku-maru  
Seiun-maru  
Ginga-maru

Name : Civil Aviation College  
 Location : Tobieda, Akae, Miyazaki, Miyazaki 880  
 Telephone : 0985-51-1211

	1976	1977
Manpower :	-	-
Expenditure :	¥ -	¥ 2,559,500,000 ¥

Note : Training and education

Name : Maritime Safety Agency Research Center  
 Location : 6-64, Kitanaka-dori, Naka-ku, Yokohama, Kanagawa 22  
 Telephone : 045-201-3027

	1976	1977
Manpower :	-	43
Expenditure :	¥ -	¥ - ¥

Name : Meteorological Research Institute  
 Location : 1-1 Yatabe-cho Nagamine, Tsukuba-gun, Ibaraki 305  
 Telephone : 0298-51-7111

	1976	1977	1978
Manpower :	-	187	187
Expenditure :	¥ -	¥ 1,521,000,000	¥ 2,217,000,000

Note : Organized into the following divisions :

Forecast research division  
 Typhoon research division  
 Physical meteorology division  
 Applied meteorology division  
 Meteorological satellite division  
 Seismology and volcanology division  
 Oceanographical division  
 Upper atmosphere physics division  
 Geochemical division

Name : Aerological Observatory  
 Location : Bangai-9, Yatabe-cho Tateno, Tsukuba-gun, Ibaraki 300-20  
 Telephone : 0298-51-4125

	1976	1977	1978
Manpower :	-	-	41
Expenditure :	¥ -	¥ 235,740,000	¥ 212,600,000

Note : Organized into the following divisions :

1st division (observation and research on lower level  
 atmosphere meteorology)  
 2nd division (observation and research on upper level  
 atmosphere meteorology, and testing of meteorological  
 instruments)  
 3rd division (observation and research on atmospheric ozone,  
 light, and radiation)

Name : Meteorological College  
 Location : 4-81, Asahi-cho 7-chome, Kashiwa, Chiba 277  
 Telephone : 0471-67-7185

	1976	1977	1978
Manpower :	-	26	-
Expenditure :	¥ -	¥ -	¥ -
Note :	Training and education		

Name : Meteorological Instrument Plant  
 Location : Bangai-9, Yatabe-cho Tateno, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 0298-51-4121

	1976	1977	1978
Manpower :	-	-	24
Expenditure :	¥ -	¥ 155,050,000	¥ 144,600,000

VIII. INSTITUTES CONTROLLED BY  
MINISTRY OF POST AND TELECOMMUNICATIONS

Name : The Medical Laboratory, Health Division  
Ministry of Post and Telecommunications  
Location : 3-2, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100  
Telephone : 03-504-4684

	1976	1977	1978
Manpower :	-	-	11
Expenditure :	¥ -	¥ -	¥ -

Note : In connection with the automation of mail and telecommunication, studies are going on in the following :  
Standardization of working environment  
Psychological and mental health of workers  
Physiological studies of human fatigue  
Human engineering



Name : Radio Research Laboratories  
Location : 2-1, Nukui Kita-machi 4-chome, Koganei, Tokyo 184  
Telephone : 0423-21-1211

	1976	1977	1978
Manpower :	-	451	449
Expenditure :	¥ -	¥ 5,410,000,000	¥ 5,980,000,000

Note : Organized into the following divisions :

Planning and support division  
Technical consulting division  
Information processing division  
Radio wave division  
Artificial satellite research division  
Communications system and apparatus division  
Frequency standard division  
Space physics spacial research section  
Atmospheric radio special research section  
Radio physics special research section  
Kashima branch  
Hiraiso branch  
Wakkanai radio wave observatory  
Akita radio wave observatory  
Inubo radio wave observatory  
Yanagawa radio wave observatory  
Okinawa radio wave observatory

IX. INSTITUTES CONTROLLED BY  
MINISTRY OF LABOR

Name : Research Institute of Industrial Safety  
Location : 35-1, Shiba 5-chome, Minato-ku, Tokyo 108  
Telephone : 03-453-8441

	1976	1977	1978
Manpower :	-	53	53
Expenditure :	¥ -	¥ 593,700,000	¥ 533,910,000

Name : National Institute of Industrial Health  
Location : 21-1, Nagao 6-chome, Tama-ku, Kawasaki, Kanagawa 213  
Telephone : 044-865-6111

	1976	1977	1978
Manpower :	-	73	71
Expenditure :	¥ -	¥ 585,770,000	¥ 678,920,000

X. INSTITUTES CONTROLLED BY  
MINISTRY OF CONSTRUCTION

Name : Geographical Survey Institute (GSI)  
 Location : 1, Yatabe-cho Kitago, Tsukuba-gun, Ibaraki 300-21  
 Telephone : 0298-64-1111

	1976	1977	1978
Manpower :	-	959	948
Expenditure :	¥ -	¥ 6,058,260,000	¥ 6,615,530,000

Note : Organized into the following divisions :

- Geodetic department
- Topographic department
- Geographic department
- Map management department
- Crustal dynamics department
- Planning department
- Regional survey department

Name : Public Works Research Institute (PWRI)  
 Location : 1, Toyosato-cho, Asahi, Tsukuba-gun, Ibaraki 300-26  
 Telephone : 0298-64-2211

	1976	1977	1978
Manpower :	-	520	524
Expenditure :	¥ -	¥ 15,495,000,000	¥ 15,254,000,000

Note : Organized into the following divisions :

- Geology and chemistry department
- Akabane branch
  - River department
  - Water quality control department
  - Dam department
  - Erosion control department
- Chiba branch
  - Road department
  - Construction method and equipment department
  - Structure and bridge department
  - Earthquake disaster prevention department
- Niigata experimental laboratory
- Kashima experimental laboratory
- Shinozaki experimental laboratory

Name : Building Research Institute (BRI)  
 Location : 1, Ohho-cho Tachihara, Tsukuba-gun, Ibaraki 300-32  
 Telephone : 0298-64-2151

	1976	1977	1978
Manpower :	-	181	181
Expenditure :	¥ -	¥ 987,160,000	¥ 1,347,180,000

Note : Organized into the following divisions :

- Research planning and information department
- 1st department (housing and building economy)
- 2nd department (materials)
- 3rd department (structural engineering)
- 4th department (production)
- 5th department (environment, design, and fire)
- 6th department (urban planning)
- International institute of seismology and earthquake engineering
- Testing and evaluation department

XI. INSTITUTE CONTROLLED BY  
MINISTRY OF HOME AFFAIRS

Name : Fire Research Institute  
 Location : 14-1, Nakahara 3-chome, Mitaka, Tokyo 181  
 Telephone : 0422-44-8331

	1976	1977	1978
Manpower :	-	59	59
Expenditure :	¥ -	¥ 412,410,000	¥ 421,650,000

## XII. SEMI-GOVERNMENT RESEARCH ORGANIZATIONS

Name : Electrical Communication Laboratory  
Research and Development Bureau  
Nippon Telegraph and Telephone Public Corporation  
Location : 9-11, Midori-cho 3-chome, Musashino, Tokyo 180  
Telephone : 0422-59-2595

	1976	1977	1978
Manpower :	-	-	2,573
Expenditure :	¥ -	¥ 53,100,000,000	¥ 59,900,000,000

Note : Organized into the following divisions :

Musashino Electrical Communication Laboratory  
9-11, Midori-cho 3-chome, Musashino, Tokyo 180  
Telephone : 0422-59-2711

Switching technology development division  
Switching systems development division  
Electronic equipment development division  
Integrated electronics development division  
Large scale integrated memory development division  
Research division (basic)  
Engineering division  
Technology division  
Information and patent division  
Planning and control office

Yokosuka Electrical Communication Laboratory  
1-2536, Take, Yokosuka, Kanagawa 238-02  
Telephone : 0468-59-2171

Data communication development division  
Data processing development division  
Trunk transmission system development division  
Integrated transmission system development division  
Visual communication development division  
Customer equipment development division

Ibaki Electrical Communication Laboratory  
162, Tokai-mura Shirakata Shirane, Naka-gun, Ibaraki 319-11  
Telephone 02928-7-7111

Transmission development division  
Component and material development division  
Planning and control office

Name : Power Reactor and Nuclear Fuel Development Corporation (PNC)  
 Location : Sankaido-bldg., 9-13, Akasaka 1-chome, Minato-ku, Tokyo 107  
 Telephone : 03-586-3311

	1976	1977	1978
Manpower :	-	-	2,352
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Fast breeder reactor development project  
 Heavy water reactor development project  
 Oarai engineering center  
 Tsuruga construction office  
 Department of nuclear fuels development  
 Reprocessing division  
 Raw materials division  
 Tokai works

Name : Japan Atomic Energy Research Institute (JAERI)  
 Location : 1-13, Shimbashi 1-chome, Minato-ku, Tokyo 105  
 Telephone : 03-503-6111

	1976	1977	1978
Manpower :	-	-	2,296
Expenditure :	¥ -	¥ 42,345,660,000	¥ 50,564,890,000

Note : Organized into the following divisions :

Tokyo head office  
 Office of planning  
 Division of power reactor projects  
 Radioisotope and nuclear engineering school

Tokai research establishment  
 Division of health physics  
 Division of reactor engineering  
 Division of nuclear fuel research  
 Division of physics  
 Division of chemistry  
 Division of large tokamak development  
 Division of thermonuclear fusion research  
 Division of research reactor operation  
 Division of Japan power demonstration reactor (JPDOR)



Reactor safety research center  
 Division of reactor safety  
 Division of reactor safety evaluation  
 Office of reactor fuel examination facility  
 Division of environmental safety research

Takasaki radiation chemistry research establishment  
 Pilot scale research station  
 Division of research  
 Osaka laboratory for radiation chemistry

Oarai research establishment  
 Division of Japan material testing reactor (JMTR)

Radioisotope center  
 Division of radioisotope production

Name : Japan Electric Meters Inspection Corporation  
 Location : 5-6, Shibaura 1-chome, Minato-ku, Tokyo 105  
 Telephone : 03-451-1181

	1976	1977	1978
Manpower :	-	-	1,111
Expenditure :	¥ -	¥ 6,190,120,000	¥ 7,568,110

Note : Organized into the following divisions :

Standards and research division  
 Research section  
 Standards section  
 Modeling section

Name : National Space Development Agency of Japan (NASDA)  
 Location : World Trade Center Building,  
 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105  
 Telephone : 03-435-6111

	1976	1977	1978
Manpower :	-	-	1
Expenditure :	¥100,850,000,000	¥128,380,000,000	¥136,790,000,000

Note : Organized into the following divisions :

- Administration department
- Finance and contract department
- Systems planning department
- Project control department
- Reliability assurance department
- Safety control department
- Flight safety department
- Launch vehicle design group
- Technological test satellite design group
- Application satellite design group
- Ground support design group
- Guidance and control design group
- Structure engineering group
- Propulsion engineering group
- On-board electronic equipment group
- Ground support equipment group
- Environmental test group
- Launch operations department
- Tracking and data acquisition department
- Construction department
- Tanegashima space center
- Tanegashima construction office
- Tsukuba space center
- Kodaira branch
- Okinawa tracking and data acquisition station
- Katsuura tracking and data acquisition station
- Masuda tracking and data acquisition station
- Tracking and control center
- Ogasawara down range station
- Nagoya inspector's office
- Tokyo inspector's office
- Los Angeles office
- Sacramento office
- Philadelphia office

Name : Railway Technical Research Institute (RTRI)  
 Japan National Railways  
 Location : 8-38, Hikari-cho, Kokubunji, Tokyo 185  
 Telephone : 0423-72-2151

	1976	1977
Manpower :	-	781
Expenditure :	= -	= -

Note : Organized into the following divisions :

Noise mechanical laboratory  
 Traffic control laboratory  
 Track laboratory  
 Track materials laboratory  
 Structure laboratory  
 Architecture laboratory  
 Soil mechanics laboratory  
 Geology laboratory  
 Disaster prevention laboratory  
 Maintenance construction machinery laboratory  
 Yard & station laboratory  
 Signal laboratory  
 Communications laboratory  
 System engineering laboratory  
 Current collection laboratory  
 Power supply system laboratory  
 Electric machinery laboratory  
 Applied electricity laboratory  
 Car performance laboratory  
 Car structure laboratory  
 Car dynamics laboratory  
 Car equipment laboratory  
 Car power engineering laboratory  
 Train operation laboratory  
 Machinery equipment laboratory  
 Ferryboat laboratory  
 Freight transportation laboratory  
 Operations research laboratory  
 Physics laboratory  
 Materials physics laboratory  
 Steel and alloys laboratory  
 Welding laboratory  
 Inorganic chemistry laboratory  
 Organic chemistry laboratory  
 Fire prevention laboratory

Name : The Institute of Physical and Chemical Research (IPCR)  
 Location : 2-1, Hirosawa, Wakoh, Saitama 351  
 Telephone : 0484-62-1111

	1976	1977	1978
Manpower :	-	-	622
Expenditure :	¥ -	¥ 6,519,000,000	¥ 7,401,000,000

Note : Organized into the following divisions :

- Nuclear physics division
  - Cosmic rays
  - Radiation
  - Cyclotron
  - Linear accelerator
  - Thermonuclear fusion
- Solid state physics division
  - Crystal physics
  - Biophysics
  - Biopolymer physics
  - Metal physics
  - Magnetic materials
- Applied physics division
  - Plasma physics
  - Information science
  - Microwave physics
  - Optical instrumentation
  - Physical oceanography
- Engineering division
  - Power technology
  - Friction and lubrication
  - Deformation processing
  - Chemical engineering
  - Semiconductors
  - Oceanographic instrumentation I
  - Oceanographic instrumentation II
- Inorganic chemistry division
  - Inorganic chemistry
  - Solid-state chemistry
  - Geochemistry
  - Radiochemistry
  - Isotopes
- Organic chemistry division
  - Physical organic chemistry
  - Organic chemistry I
  - Organic chemistry II
  - Synthetic organic chemistry
  - Polymer chemistry

Catalysis  
 Radiation chemistry  
 Biochemistry division  
   Antibiotics  
   Biochemistry  
   Microbiology  
   Microbial ecology  
   Radiobiology  
 Agricultural chemicals division  
   Pesticides synthesis I  
   Pesticides synthesis II  
   Pesticides synthesis III  
   Phytochemistry  
   Insect toxicology  
   Fungicides  
   Plant physiology  
   Animal physiology  
   Pesticides screening center  
 Special research group  
   Laser science

Name : NHK Technical Research Laboratories  
 (Japan Broadcasting Corporation)  
 Location : 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157  
 Telephone : 03-415-5111

	1976	1977	1978
Manpower :	-	-	369
Expenditure :	¥ -	¥ 3,614,050,000	¥ 3,936,830,000

Note : Organized into the following divisions :

Program engineering research group  
 New broadcasting system research group  
 Radio-frequency & satellite broadcasting research group  
 Recording techniques and memory devices research group  
 Image devices research group  
 Advanced television system research group  
 Information processing research group  
 Research facilities center

See also NHK broadcasting science research laboratory

Name : Central Research Institute,  
The Japan Tobacco and Salt Public Corporation  
Location : 6-2, Umegaoka, Midori-ku, Yokohama, Kanagawa 227  
Telephone : 045-973-5611

	1976	1977	1978
Manpower :	180	-	-
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

- 1st smoke research division (physical and chemical aspects of smoke)
- 2nd smoke research division (biology of smoking, pesticide residues, virus)
- 1st tobacco production research division (tobacco aroma, sensory test)
- 2nd tobacco production research division (device and preliminary preparation of new brands)
- 3rd tobacco production research division (development of materials for tobacco manufacturing and products)
- 1st fundamental research division (protein, enzyme)
- 2nd fundamental research division (microbiology)
- 3rd fundamental research division (technology for the development of new tobacco materials)
- 4th fundamental research division (bioengineering)
- 5th fundamental research division (tobacco aroma constituents)
- 6th fundamental research division (development of reconstituted tobacco)
- 7th fundamental research division (technology of environment pollution protection)
- Biological research center
- Utilization and quality control of common salt, and analysis of sea water

Name : Institute of Kokusai Denshin Denwa Co., Ltd.  
(International Telegraph and Telephone Corporation)  
Location : 1-23, Nakameguro 2-chome, Meguro-ku, Tokyo 153  
Telephone : 03-713-0111

	1976	1977	1978
Manpower :	-	-	154
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :

Electronic circuit research laboratory  
Materials laboratory  
Cable systems laboratory  
Special project laboratory  
Information processing laboratory  
Switchboard systems laboratory  
Terminal stations laboratory  
Terminal equipment laboratory  
Measuring equipment laboratory  
Radio laboratory  
Satellite communication laboratory  
Radio transmission laboratory  
Technology development laboratory

Name : Japan Marine Science and Technology Center  
Location : 2-15, Natsushima-cho, Yokosuka, Kanagawa 237  
Telephone : 0468-65-2865

	1976	1977	1978
Manpower :	-	-	112
Expenditure :	¥ -	¥ 1,856,860,000	¥ 3,316,010,000

Note : Organized into the following divisions :

Marine technology department  
Marine conservation technology department  
Manned undersea technology and engineering department  
Training department  
Technical information service

Name : Japan Nuclear Ship Development Agency  
 Location : 15-16, Toranomon 1-chome, Minato-ku, Tokyo 105  
 Telephone : 03-501-4970

	1976	1977	1978
Manpower :	-	-	141
Expenditure :	¥ -	¥ -	¥ -

Note : Organized into the following divisions :  
 Engineering and development department  
     Design, construction and operation of nuclear ship "Mutsu"  
     Training of crew of nuclear ship  
     Research of nuclear ship

Name : National Consumer Information Center  
 Location : 13-22 Takanawa 3-chome, Minato-ku, Tokyo 108  
 Telephone : 03-443-6211

	1976	1977	1978
Manpower :	-	-	102
Expenditure :	¥ -	¥ 36,890,000	¥ 40,300,000

Note : Organized into the following divisions :  
 Research and testing laboratory (research people : 13)  
     Research of accidents caused by gas equipment  
     Research of accidents caused by electric appliances  
     Research on food additives

Name : Institute of Agricultural Machinery  
 Location : 40-2, Nisshin-cho 1-chome, Ohmiya, Saitama 330  
 Telephone : 0486-63-3901

	1976	1977	1978
Manpower :	-	-	90
Expenditure :	¥ -	¥ 1,057,960,000	¥ 1,054,990,000



Name : The Laboratory of Nihon Doro Kodan  
 (Japan Highway Construction Corporation)  
 Location : 4-1, Tadao 1-chome, Machida, Tokyo 194  
 Telephone : 0427-91-1621

	1976	1977	1978
Manpower :	-	-	88
Expenditure :	¥ -	¥ 1,630,000,000	¥ 1,635,000,000

Name : Railway Labor Science Research Institute,  
 Japan National Railways  
 Location : 5-6, Izumi-cho 2-chome, Kokubunji, Tokyo 185  
 Telephone : 0423-21-5340

	1976	1977	1978
Manpower :	-	-	87
Expenditure :	¥ -	¥ 687,000,000	¥ 632,000,000

Name : Civil Engineering Laboratory,  
 Electric Power Development Co., Ltd.  
 Location : 2000, Chigasaki, Chigasaki, Kanagawa 253  
 Telephone : 0467-82-4138

	1976	1977	1978
Manpower :	-	-	84
Expenditure :	¥ -	¥ 490,000,000	¥ 530,000,000

Name : Research Institute of Capital Formation,  
The Japan Development Bank  
Location : 9-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100  
Telephone : 03-270-3211

	1976	1977	1978
Manpower :	-	-	61
Expenditure :	¥ -	¥ -	¥ -

Name : Technology Research Center, Japan National Oil Corporation  
Location : Mori-Bldg. 18-2, 3-13, Toranomom 2-chome, Minato-ku, Tokyo 105  
Telephone : 03-580-8171

	1976	1977	1978
Manpower :	-	-	58
Expenditure :	¥ -	¥ 902,000,000	¥ 1,022,900,000

Name : Equine Health Laboratory, Japan Racing Association  
Location : 27-7, Tsurumaki 5-chome, Setagaya-ku, Tokyo 154  
Telephone : 03-429-2311

	1976	1977	1978
Manpower :	-	-	56
Expenditure :	¥ -	¥ -	¥ -

Name : National Institute of Vocational Research  
 Location : Sun-Plaza-6F, 1-1, Nakano 4-chome, Nakano-ku, Tokyo 164  
 Telephone : 03-388-1511

	1976	1977	1978
Manpower :	-	-	44
Expenditure :	¥ -	¥ 120,600,000	¥ 124,800,000

Name : NHK Broadcasting Science Research Laboratory  
 (Japan Broadcasting Corporation)  
 Location : 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157  
 Telephone : 03-415-5111

	1976	1977	1978
Manpower :	-	-	40
Expenditure :	¥ -	¥ -	¥ -

Note : See NHK technical research laboratories

Name : Japan Housing Corporation General Research Laboratory  
 Location : 2683-3, Ishikawa-cho, Hachioji, Tokyo 192  
 Telephone : 0426-44-3751

	1976	1977	1978
Manpower :	24	-	31
Expenditure :	¥ -	¥ 282,180,000	¥ 333,880,000

Name : Water Resources Development Public Corporation Laboratory  
 Location : 936, Kanda Urawa, Saitama 338  
 Telephone : 0488-53-1785

	1976	1977	1978
Manpower :	-	-	28
Expenditure :	¥ -	¥ 212,450,000	¥ 290,720,000

Name : The Social Development Research Institute  
 Location : 3-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100  
 Telephone : 03-580-2511

	1976	1977	1978
Manpower :	13	-	24
Expenditure :	¥ -	¥ -	¥ -

Note : Framing of social security standard index  
 Statistical research on the structure of home economics  
 Theoretical and practical research on the specific nature of  
 life styles of problem families  
 International comparative research on the social and  
 economic significance of social security finances  
 Setting of annuity standards ; financing of annuities.

Name : The Shipbuilding Research Center, Oil Spill Prevention Institute  
 Location : Minamihara, Ohho-cho, Tsukuba-gun, Ibaraki 300-26  
 Telephone : 02986-4-2125

	1976	1977	1978
Manpower :	-	-	14
Expenditure :	¥ -	¥ -	¥ 200,000,000

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